

APPLICANT FACSIMILE OF FORM PTO-1

REV 7-80

U.S. DEPARTMENT OF
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ATTY DOCKET NO

RPI-002CP2CN2

SERIAL NO.

09/350,202

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT

Carl H. June et al.

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July 8, 1999

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1636 1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	A1	5081029	01/92	Zarling et al.	435	172.3

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
A2	EP 0 440 373	08/91	EPO		
A3	WO 90/05541	05/90	PCT		
A4	WO 92/00092	01/92	PCT		

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A5	Åsjo et al., "A Novel Mode of Human Immunodeficiency Virus Type 1 (HIV-1) Activation: Ligation of CD28 Alone Induces HIV-1 Replication in Naturally Infected Lymphocytes" <u>J. of Virology</u> Vol. 67, No. 7, pp. 4395-4398, July 1993;
A6	Azuma et al., "Functional Expression of B7/BB1 on Activated T Lymphocytes" <u>J. of Exp. Med.</u> Vol. 177, pp 845-850, March 1993;
A7	Baroja et al., "The Anti-T Cell Monoclonal Antibody 9.3 (Anti-CD28) Provides a Helper Signal and Bypasses the Need for Accessory Cells in T Cell Activation with Immobilized Anti-CD3 and Mitogens" <u>Cellular Immunology</u> Vol. 120, pp. 205-217, 1989;
A8	Baroja et al., "Cooperation Between an Anti-T Cell (Anti-CD28) Monoclonal Antibody and Monocyte-produced IL-6 in the Induction of T Cell Responsiveness to IL-2" <u>The Journal of Immunology</u> Vol. 141, No. 5, pp. 1502-1507, September 1, 1988;
A9	Damle and Doyle, "Stimulation Via the CD3 and CD28 Molecules Induces Responsiveness to IL-4 in CD4 ⁺ CD29 ⁺ CD45R ⁻ Memory T Lymphocytes" <u>The Journal of Immunology</u> Vol. 143, No. 6, pp. 1761-1767, September 15, 1989;
A10	Damle et al., "Differential Regulatory Signals Delivered by Antibody binding to the CD28 (Tp44) Molecule During the Activation of Human T Lymphocytes" <u>The Journal of Immunology</u> Vol. 140, No. 6, pp. 1753-1761, March 15, 1988;
A11	Diegel et al., "Regulation of HIV Production by Blood Mononuclear Cells from HIV-Infected Donors: II. HIV-1 Production Depends on T Cell-Monocyte Interaction," <u>AIDS Research and Human Retroviruses</u> , Vol. 9, No. 5, pp. 465-473, 1993;
A12	Freedman et al., "Selective Induction of B7/BB-1 on Interferon-γ Stimulated Monocytes: A Potential Mechanism for Amplification of T Cell Activation through the CD28 Pathway" <u>Cellular Immunology</u> Vol. 137, pp. 429-437, 1991;
A13	Galvin et al., "Murine B7 Antigen Provides A Sufficient Costimulatory Signal For Antigen-Specific and MHC-Restricted T Cell Activation" <u>J. of Immunol.</u> Vol. 149, No. 12, pp. 3802-3808, December 15, 1992;

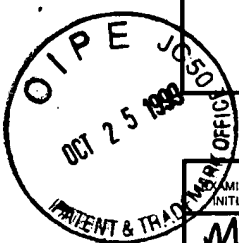
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APPLICANT FACSIMILE OF FORM PTO-14
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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16	B1	Geppert, and Lipsky, "Accessory Cell Independent Proliferation of Human T4 Cells Stimulated by Immobilized Monoclonal Antibodies to CD3," <u>The Journal of Immunology</u> , Vol. 138, No. 6, pp. 1660-1666, March 15, 1987;
	B2	Groux et al., "Activation-induced Death by Apoptosis in CD4 ⁺ T Cells from Human Immunodeficiency Virus-infected Asymptomatic Individuals," <u>J. Exp. Med.</u> , Vol. 175, pp. 331-340, February 1992;
	B3	Hansen et al., "Monoclonal Antibodies Identifying a Novel T-Cell Antigen and Ia Antigens of Human Lymphocytes" <u>Immunogenetics</u> Vol. 10, pp. 247-260, 1980;
	B4	Hara et al., "Human T cell activation" <u>J. Exp. Med.</u> Vol. 161, pp. 1513-1524, June 1985;
	B5	Harding et al., "CD28-mediated signalling co-stimulates murine T cells and prevents induction of anergy in T-cell clones" <u>Nature</u> Vol. 356, pp 607-609, April 1992;
	B6	Jong et al., "Regulation of T-Cell Differentiation by CD2 and CD28 Accessory Molecules" <u>Immunology</u> Vol. 74, pp. 175-182, 1991;
	B7	June et al., "Evidence for the Involvement of Three Distinct Signals in the Induction of IL-2 Gene Expression in Human T Lymphocytes" <u>The Journal of Immunology</u> Vol. 143, No. 1, pp. 153-161, July 1, 1989;
	B8	June et al., "Role of the CD28 Receptor in T-Cell Activation" <u>Immunology Today</u> Vol. 11, No. 6, pp. 211-216, 1990;
	B9	June et al., "T-Cell Proliferation Involving the CD28 Pathway Is Associated with Cyclosporine-Resistant Interleukin 2 Gene Expression" <u>Molecular and Cellular Biology</u> Vol. 7, No. 12, pp. 4472-4481, December 1987;
	B10	King et al., "CD28 Activation Promotes Th2 Subset Differentiation by Human CD4 ⁺ Cells," <u>Eur. J. Immunol.</u> , Vol. 25, pp. 587-595, 1995;
	B11	Koulova et al., "Identification of the Anti-CD3-Unresponsive Subpopulation of CD4 ⁺ , CD45RA ⁺ Peripheral T Lymphocytes" <u>The Journal of Immunology</u> Vol. 145, No. 7, pp. 2035-2043, October 1, 1990;
	B12	Ledbetter et al., "Antibodies to Tp67 and Tp44 Augment and Sustain Proliferative Response of Activated T Cells" <u>The Journal of Immunology</u> Vol. 135, No. 4, pp. 2331-2336, October 1985;
16	B13	Ledbetter et al., "Antibody Binding to CD5 (Tp67) and Tp44 T Cell Surface Molecules: Effects on Cyclic Nucleotides, Cytoplasmic Free Calcium, and cAMP-Mediated Suppression" <u>The Journal of Immunology</u> Vol. 137, No. 10, pp. 3299-3305, November 15, 1986;

Examiner

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16	C1	Ledbetter et al., "CD28 Ligation in T-Cell Activation: Evidence for Two Signal Transduction Pathways" Blood Vol. 75, No. 7, pp. 1531-1539, April 1, 1990;
	C2	Ledbetter et al., "Crosslinking of Surface Antigens Causes Ionized Calcium in T Lymphocytes" Proceedings of the National Academy of Sciences, Vol. 84, pp. 1384-1388, March 1987;
	C3	Ledbetter et al., "Role of CD2 cross-linking in cytoplasmic calcium responses and T cell activation" Eur. J. Immunol. Vol. 18, pp. 1601-1608, 1988;
	C4	Lee et al., "The Cd28 Signal Transduction Pathway in T Cell Activation" <u>Advances in Regulation of Cell Growth, Volume 2; Cell Activation: Genetic Approaches</u> Vol. 2, Chapter 7, pp. 141-160, 1991;
	C5	Lesslauer et al., "T90/44 (9.3 antigen). "A cell surface molecule with a function in human T cell activation" Eur. J. Immunol. Vol. 16, pp. 1289-1296, 1986;
	C6	Linsley et al., "Binding of the B Cell Activation Antigen B7 to CD28 Costimulates T Cell Proliferation and Interleukin 2 mRNA Accumulation" <u>Journal of Experimental Medicine</u> Vol. 173, pp. 721-730, March 1991;
	C7	Martin et al., "A 44 Kilodalton Cell Surface Homodimer Regulates Interleukin 2 Production by Activated Human T Lymphocytes" <u>The Journal of Immunology</u> Vol. 136, No. 9, pp. 3282-3287, May 1, 1986;
	C8	McArthur and Raulet, "CD28-induced Costimulation of T Helper Type 2 Cells Mediated by Induction of Responsiveness to Interleukin 4," <u>J. Exp. Med.</u> , Vol. 178, pp. 1645-1653, November 1993;
	C9	Moran et al., "Regulation of HIV Production by Blood Mononuclear Cells from HIV-Infected Donors: I. Lack of Correlation Between HIV-1 Production and T Cell Activation," <u>AIDS Research and Human Retroviruses</u> , Vol. 9, No. 5, pp. 455-464, 1993;
	C10	Norton et al., "The CD28 Ligand, B7, Enhances IL-2 Production by Providing a Costimulatory Signal to T Cells" <u>The Journal of Immunology</u> Vol. 149, No. 5, pp. 1556-1561, September 1, 1992;
	C11	Perrin et al., "Administration of Anti-CD28-Specific Monoclonal Antibody 9.3: Preclinical Studies," <u>Blood Suppl.</u> , p. 439a, No. 1747, 1991;
16	C12	Pierres et al., "CD3 ^{LOW} Human Thymocyte Population can readily be Triggered Via the CD2 and/or CD28 Activation Pathways Whereas the CD3 Pathway Remains Nonfunctional" <u>The Journal of Immunology</u> Vol. 144, No. 4, pp. 1202-1207, February 15, 1990;

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G. M. GEL 11/26/00

Date Considered

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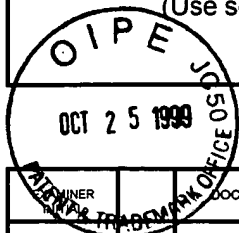
Carl H. June et al.

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10	D1	Pierrès et al., "Triggering CD 28 molecules synergize with CD 2 (T 11.1 and T 11.2) - mediated T cell activation" <u>Eur. J. Immunol.</u> Vol. 18, pp 685-690, 1988;
	D2	Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex" <u>Proc. Natl. Acad. Sci.</u> Vol. 89, pp. 271-275, January 1992;
	D3	Riddell et al., "The Use of Anti-CD3 and Anti-CD28 Monoclonal Antibodies to Clone and Expand Human Antigen-Specific T Cells" <u>Journal of Immunological Methods</u> Vol. 128, pp. 189-201, 1990;
	D4	Schwartz et al., "Costimulation of T Lymphocytes: The Role of CD28, CTLA-4, and B7/BB1 in Interleukin-2 Production and Immunotherapy" <u>Cell</u> Vol. 71, pp. 1065-1068, December 24, 1992;
	D5	Shanafelt et al., "Costimulatory Signals can Selectively Modulate Cytokine Production by Subsets of CD4 ⁺ T Cells," <u>The Journal of Immunology</u> , Vol. 154, pp. 1684-1690, 1995;
	D6	Tan et al., "Induction of Alloantigen-specific Hyporesponsiveness in Human T Lymphocytes by Blocking Interaction of CD28 with Its Natural Ligand B7/BB1" <u>Journal of Experimental Medicine</u> Vol. 177, No. 1, pp 165-173, January 1993;
	D7	Thompson et al., "CD28 Activation Pathway Regulates the Production of Multiple T-cell-derived Lymphokines/cytokines" <u>Proceedings of the National Academy of Sciences</u> Vol. 86, pp. 1333-1337, February 1989;
	D8	Turka et al., "CD28 is an Inducible T Cell Surface Antigen that Transduces a Proliferative Signal in CD3 ⁺ Mature Thymocytes" <u>The Journal of Immunology</u> Vol. 144, No. 5, pp. 1646-1653, March 1, 1990;
	D9	Van der Pouw-Kraan et al., "Development of Human Th1 and Th2 Cytokine Responses: The Cytokine Production Profile of T Cells is Dedicated by the Primary <i>in vitro</i> Stimulus" <u>European Journal of Immunology</u> Vol. 23, pp. 1-5, 1993;
	D10	Van der Pouw-Kraan et al., "Interleukin (IL)-4 Production by Human T Cells: Differential Regulation of IL-4 vs. IL-2 Production" <u>European Journal of Immunology</u> Vol. 22, pp. 1237-1241, 1992;
11	D11	Van Lier et al., "Signals involved in T cell activation. T cell proliferation induced through the synergistic action of anti-CD28 and anti-CD2 monoclonal antibodies" <u>Eur. J. Immunol.</u> Vol. 18, pp. 167-172, 1988;

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